NEWS RELEASE

SATELLOS Co-Founder and Chief Scientific Officer Dr. Michael Rudnicki Published in Nature Communications

7/13/2022

TORONTO, July 13, 2022 – Satellos Bioscience Inc. (TSXV: MSCL) ("Satellos" or the "Corporation"), a regenerative medicine company aimed at developing therapeutics that change the way degenerative muscle diseases are treated, is pleased to announce that Co-founder and Chief Scientific Officer Dr. Michael Rudnicki has had new research published in the most recent edition of Nature Communications. The article, titled "GLI3 regulates muscle stem cell entry into G_{Alert} and self-renewal", looks at the critical role that GLI3 plays in satellite cell formation and new findings on its potential to regulate muscle stem cell activation and fate.

"These innovative approaches Michael and his team continue to discover have the potential for significant positive impact on those suffering from Duchenne and other muscular dystrophies," said Satellos Co-Founder and CEO, Frank Gleeson. "We're excited to see continued recognition from the broader scientific community for his advancements."

With the publication of this article Dr. Rudnicki has now published more than 235 scientific articles, with an H-factor of 103. Along with his critical role with Satellos Bioscience, his contributions have been recognized with numerous honours including being named a Fellow of both the Royal Society and the Royal Society of Canada, a past International Research Scholar of the Howard Hughes Medical Institute for the maximum allowable two consecutive terms, and an Officer of the Order of Canada.

About Satellos Bioscience Inc.

Satellos is a biotechnology company dedicated to developing lifechanging medicines to treat degenerative muscle conditions. Our scientists discovered what we believe to be a previously unrecognized root cause of skeletal muscle degeneration. One which has the potential to transform how muscle disorders are treated. Our scientific founder, Dr. Michael Rudnicki, is a thought leader who discovered and has shown how muscle stem cells regulate muscle repair and growth throughout life. He has shown how defects in a process known as stem cell “polarity”, which controls how muscle stem cells divide to create muscle progenitor cells, lead to a failure of muscle regeneration in Duchenne and potentially other muscle disorders. As a result of this ongoing inability to produce sufficient numbers of new muscle cells, the muscles of people living with Duchenne are unable to keep up with and repair the continuous and accumulating damage their muscles experience. Satellos’ lead program is focused on developing an oral therapeutic drug (i.e., a pill) intended to correct muscle stem cell polarity and restore the body’s innate muscle repair and regeneration process. We believe our unique therapeutic approach represents a potential disease modifying treatment for Duchenne and other dystrophies, offering new hope to patients. To expand our programs to other degenerative muscle conditions or disorders, Satellos has created a proprietary discovery platform, MyoReGenX™, which we utilize to identify disease situations where deficits in muscle stem cell polarity and regeneration occur and are amenable to therapeutic treatment. For more information about or to discuss potential collaborations with Satellos concerning our discovery platform and therapeutic candidates or our subsidiary Amphotericin B Technologies Inc., please contact Ryan Mitchell, PhD, Director – Business Development at rmitchell@satellos.com or visit Satellos.com.

CONTACTS:

Christina Cameron

Investor Relations

Satellos Bioscience Inc.

ccameron@satellos.com

647.660.1780

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